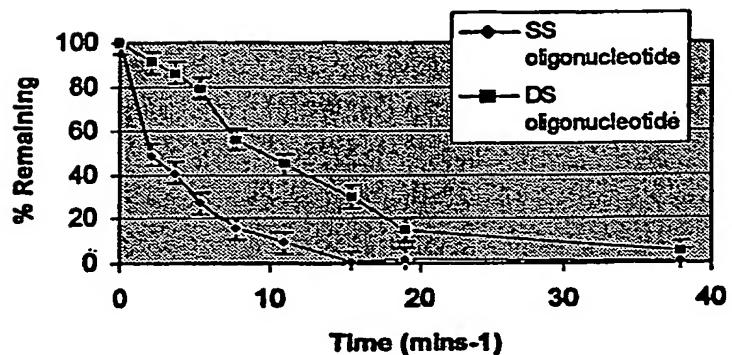
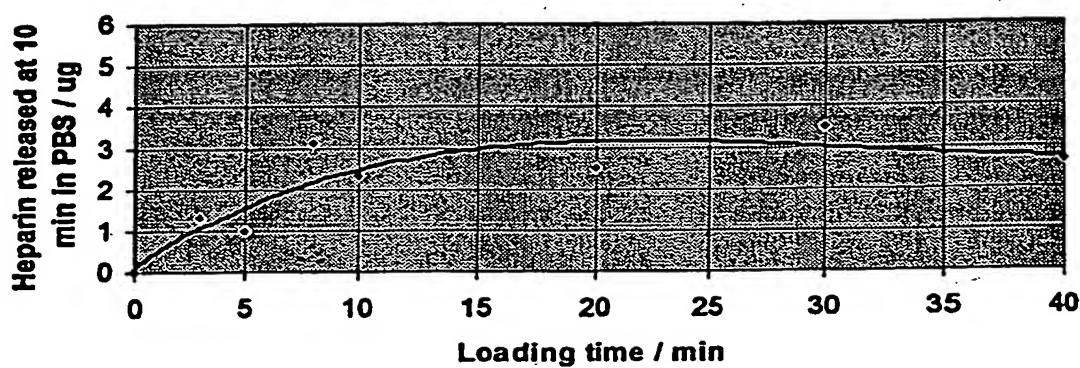
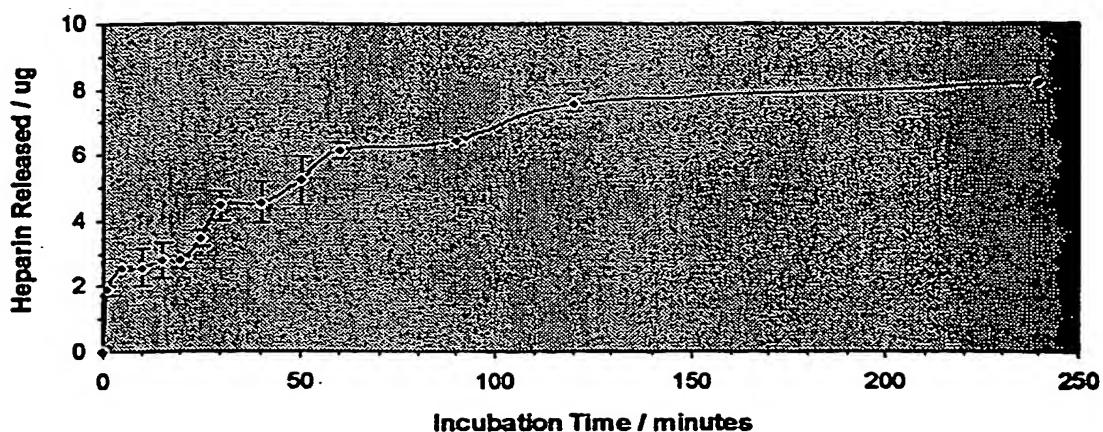
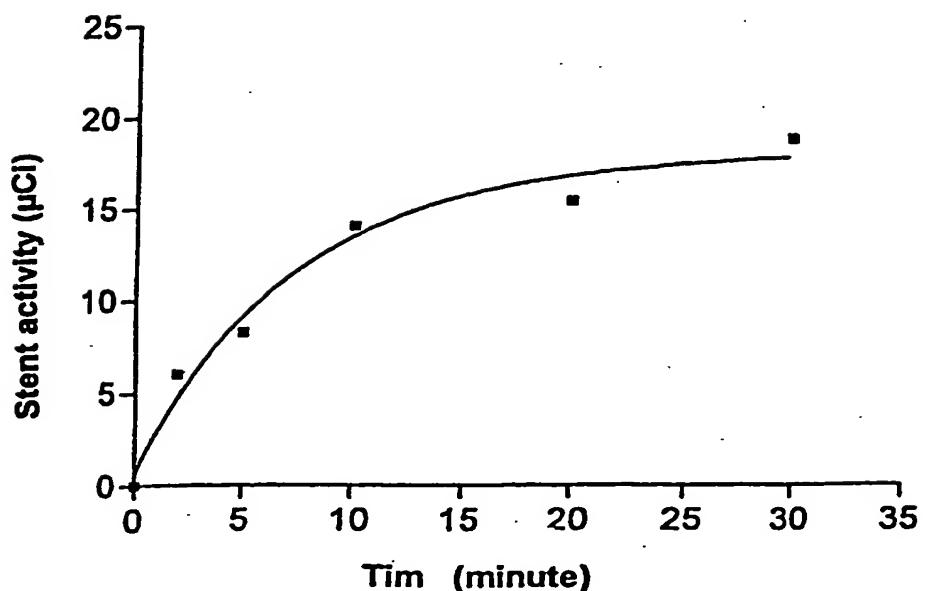
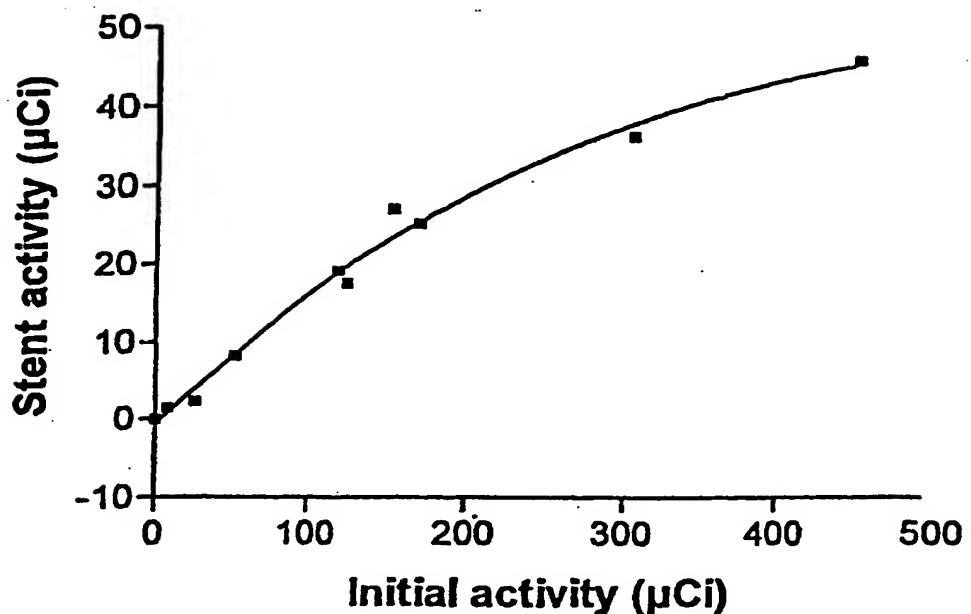
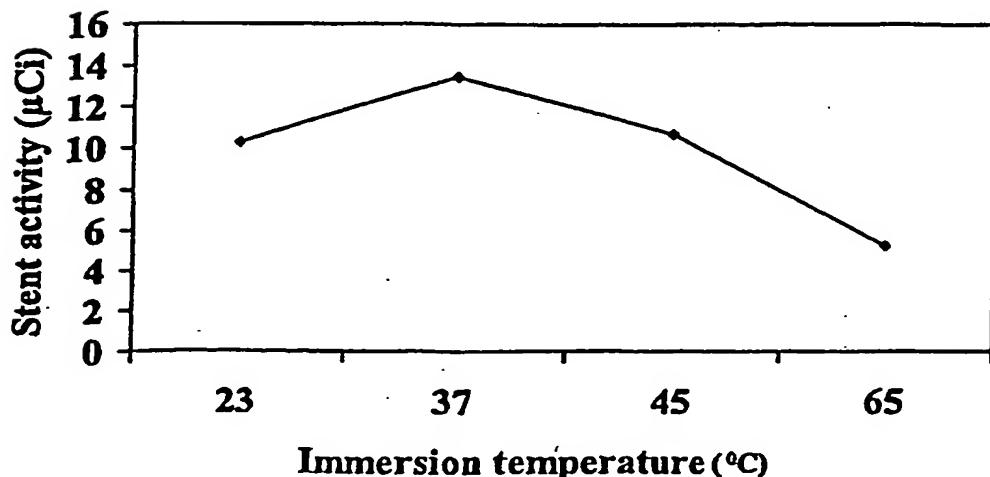
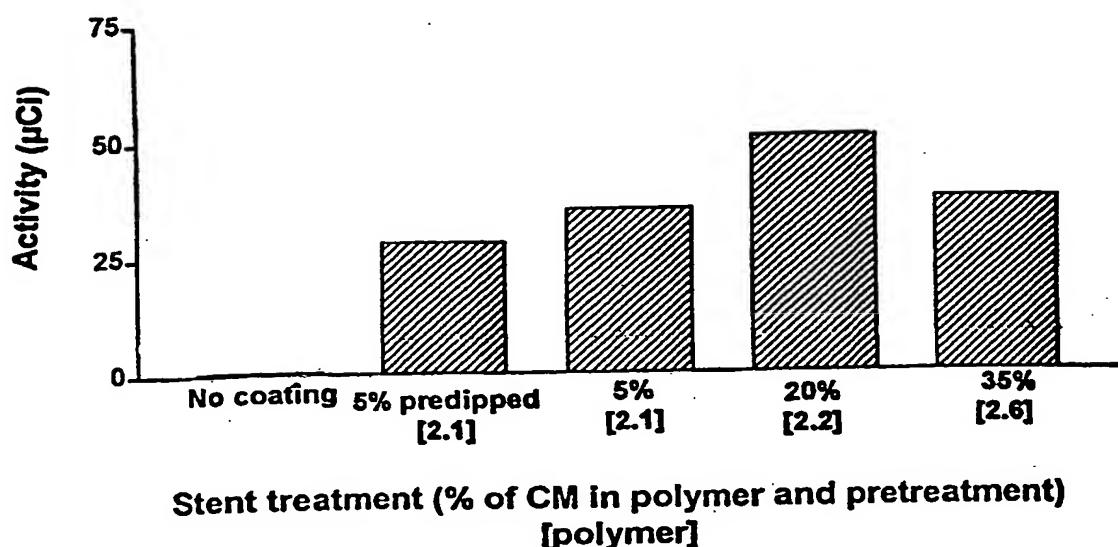


**Figure 1****Figure 2****Loading time effect**

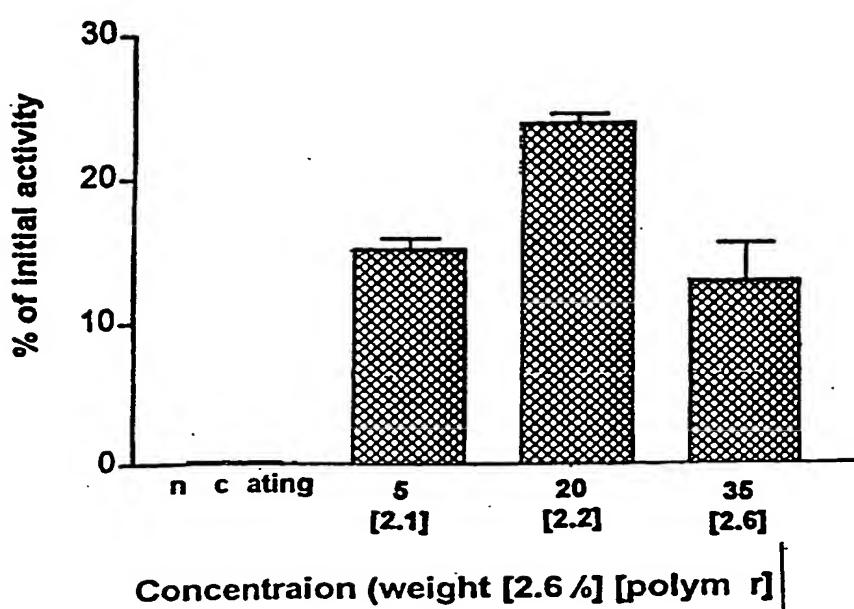
**Figure 3****Accumulated heparin Release Profile****Figure 4****Effect of time on 15-mer loading on stent**

**Figure 5****Effect of oligomer concentration  
(initial activity) on stent loading****Figure 6****Effect of temperature of 15-mer loading**

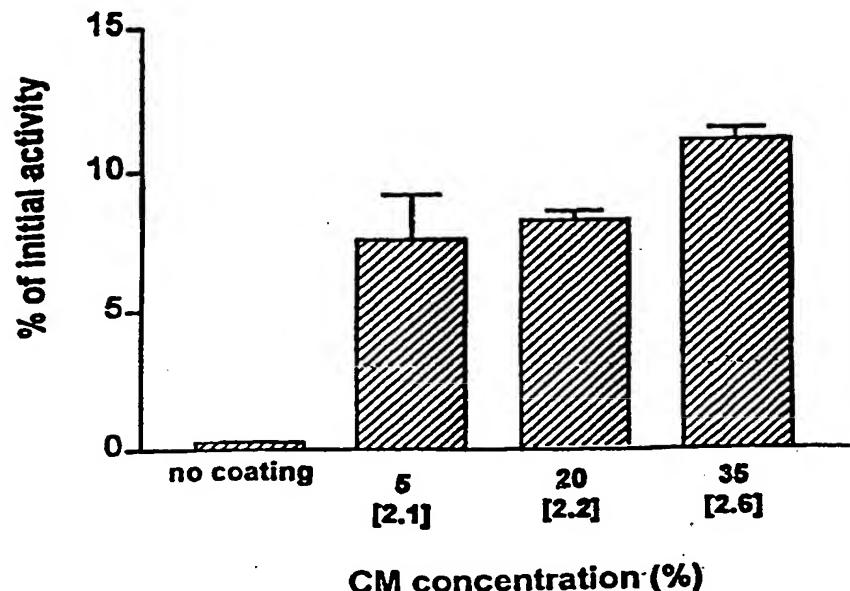
**Figure 7**  
**Loading of 15 mer (initial activity: 211  $\mu$ Ci) on PC coated Biodyviso stents**



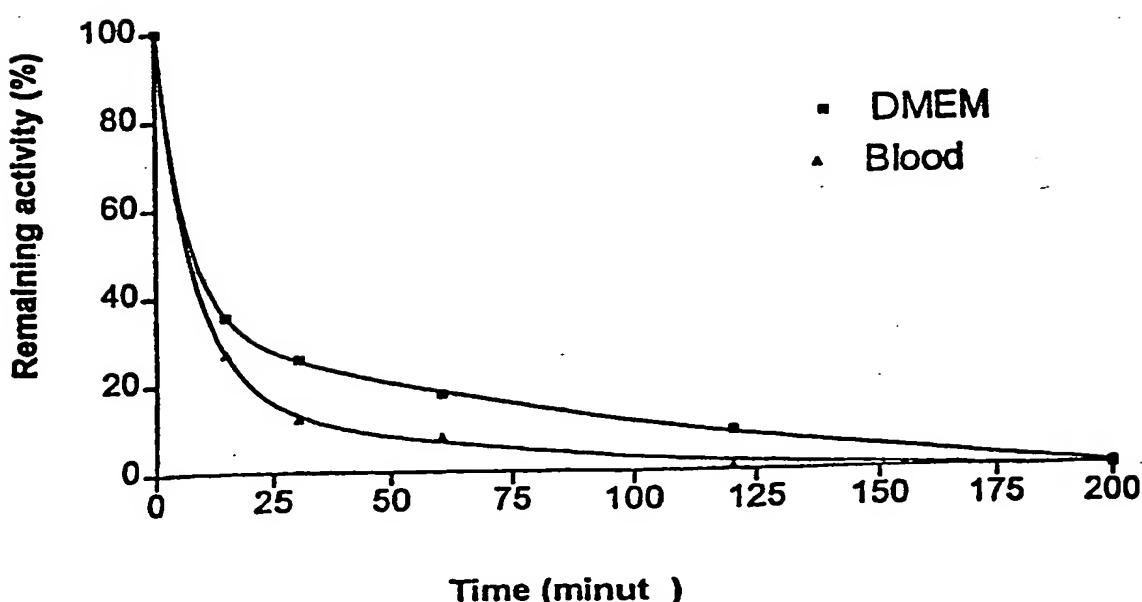
**Figure 8**  
**Yields of loading for the 32P-15 mers onto the PC Biodivysio stents**



**Figure 9**  
**Yields of loading for the 32P-32mers onto the**  
**PC Biodivysio stents**

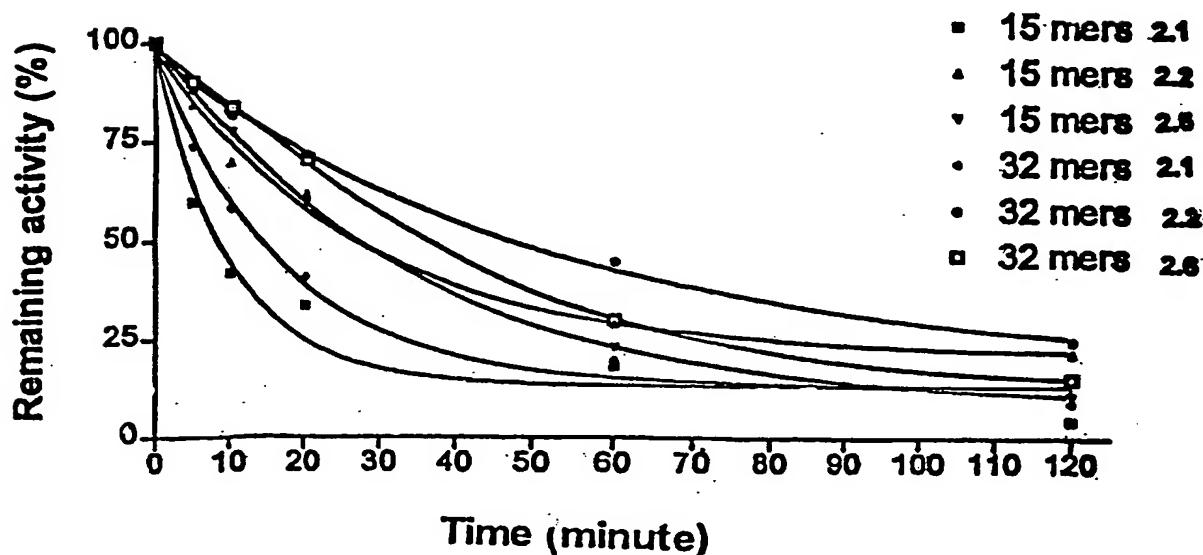


**Figure 10**  
**Elution profile of 15 mer loaded PC stents**

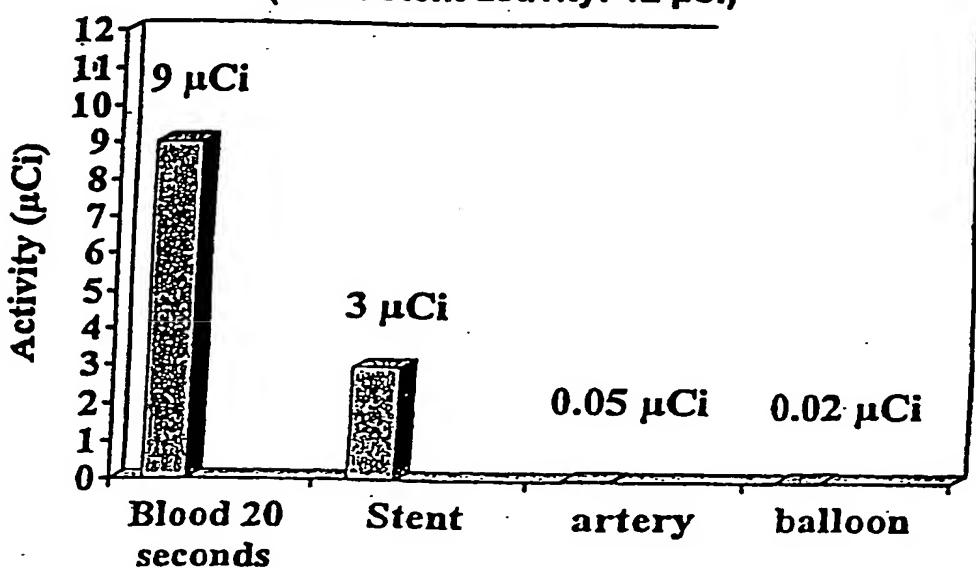


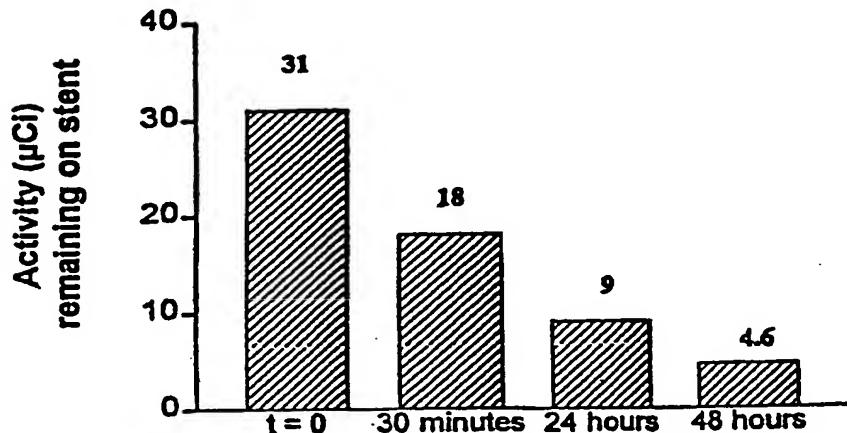
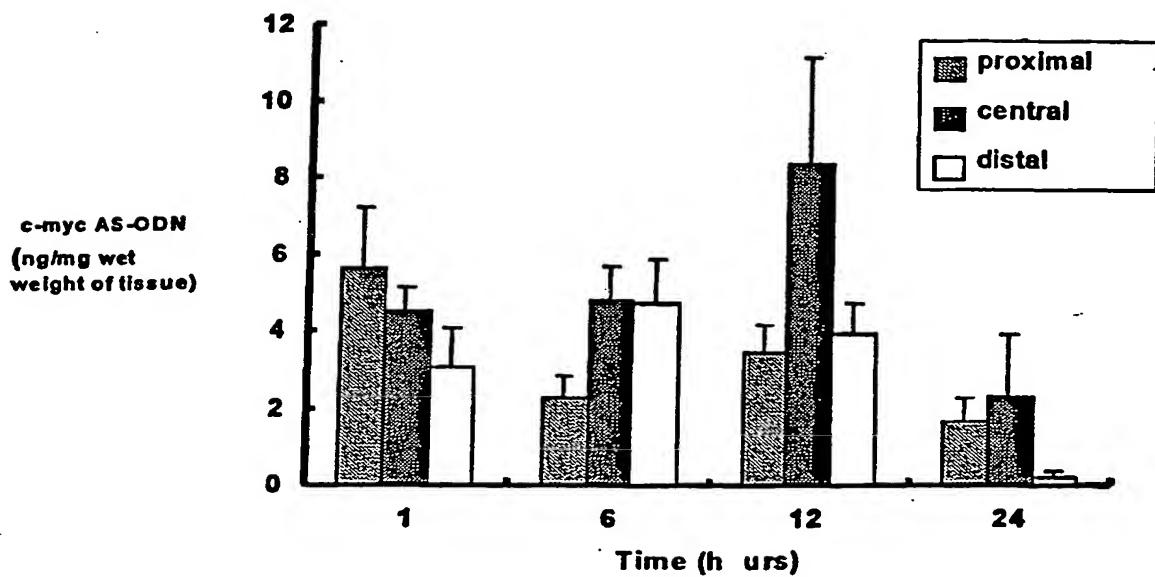
**Figure 11**

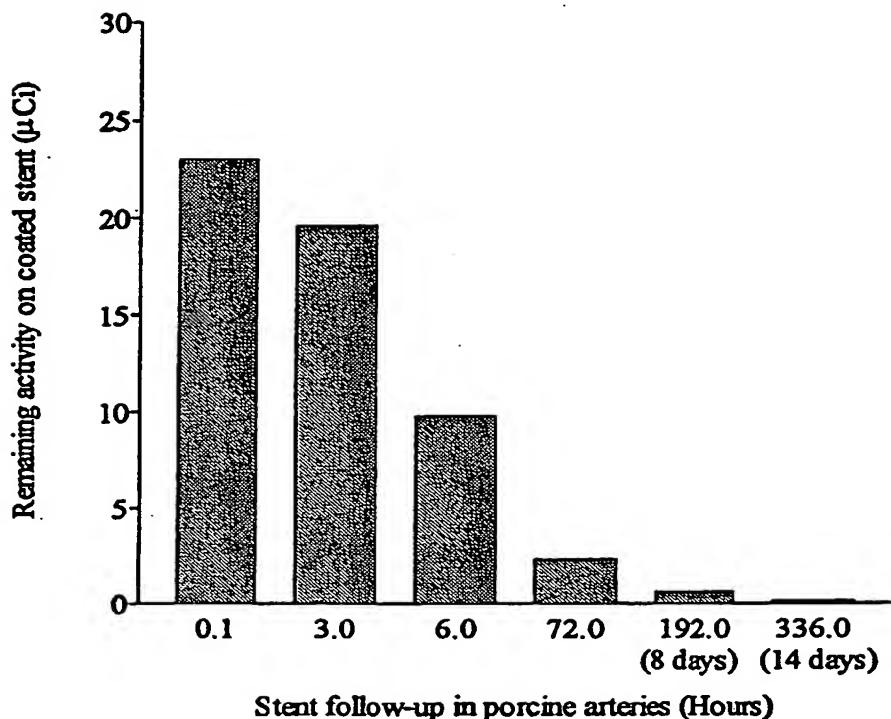
**Elution of  $^{32}\text{P}$  labelled oligonucleotides (15 and 32 mers) loaded on PC Biodyvisio stents after incubation in blood at  $37^\circ\text{C}$ .**

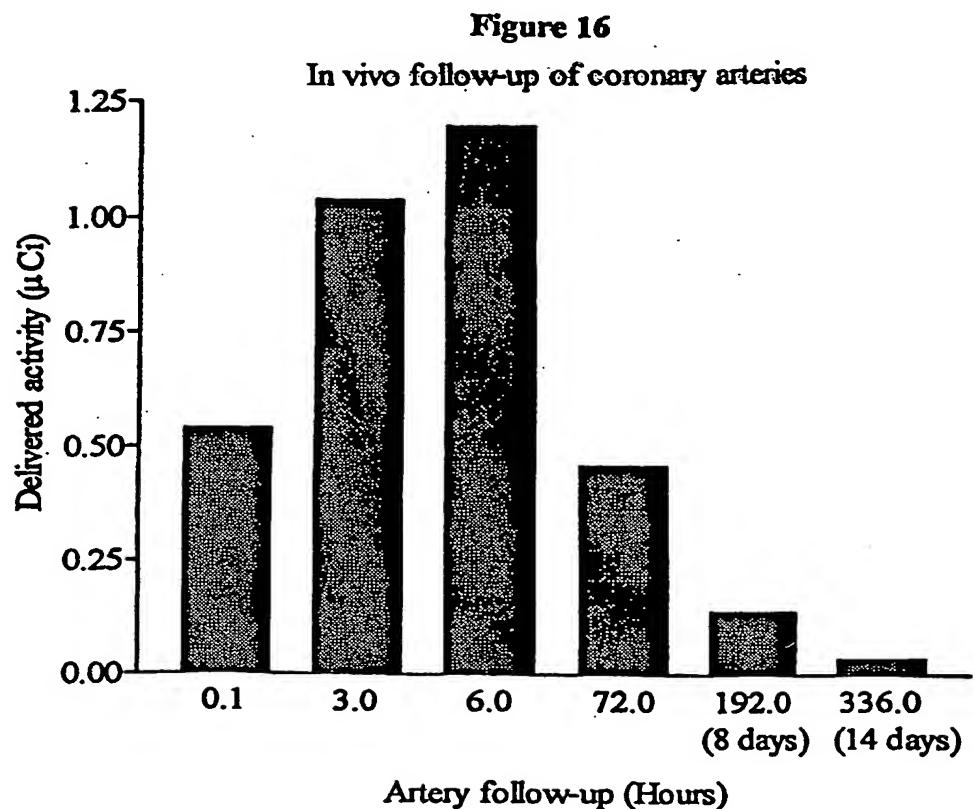
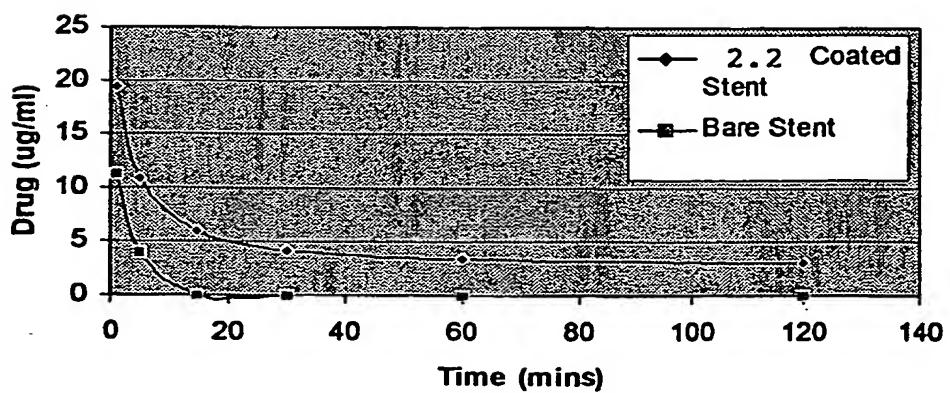
**Figure 12**

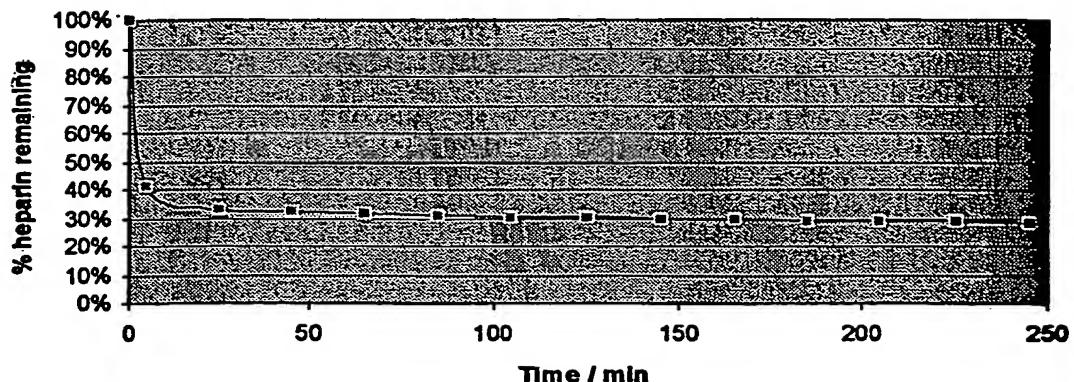
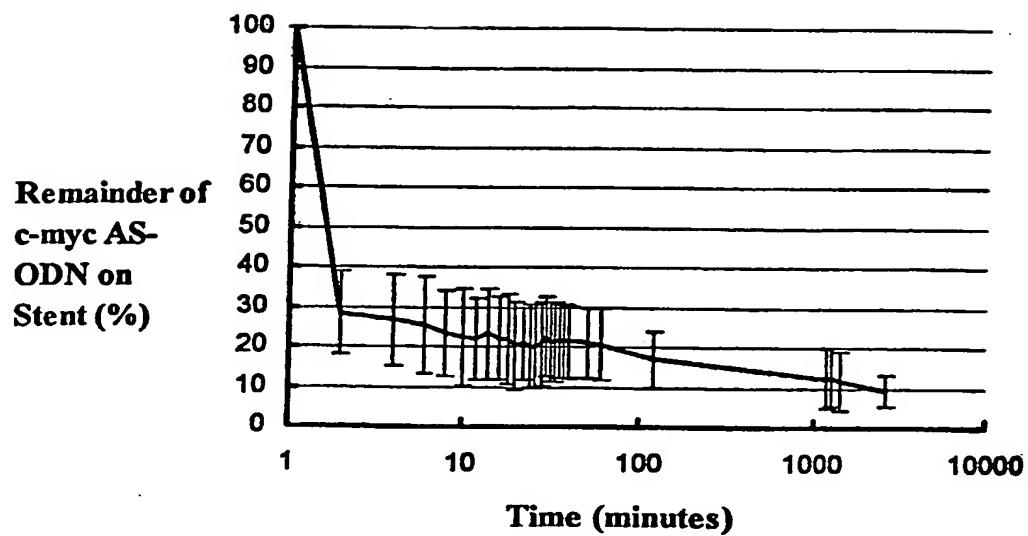
**Remaining activities ( $\mu\text{Ci}$ ) 30 minutes after 15 mer loaded PC stent (15 x 3.5 mm) deployment in the pisg's LCX arter (initial stent activity: 12  $\mu\text{Ci}$ )**

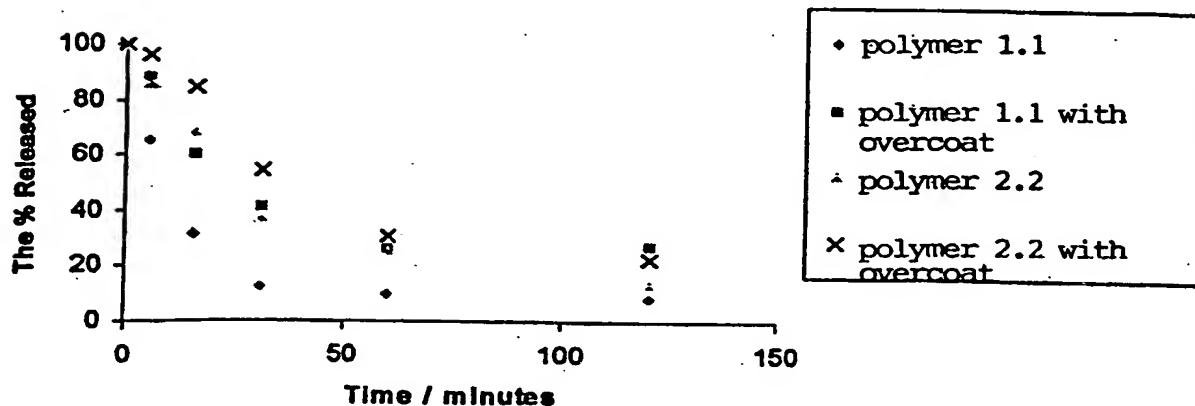
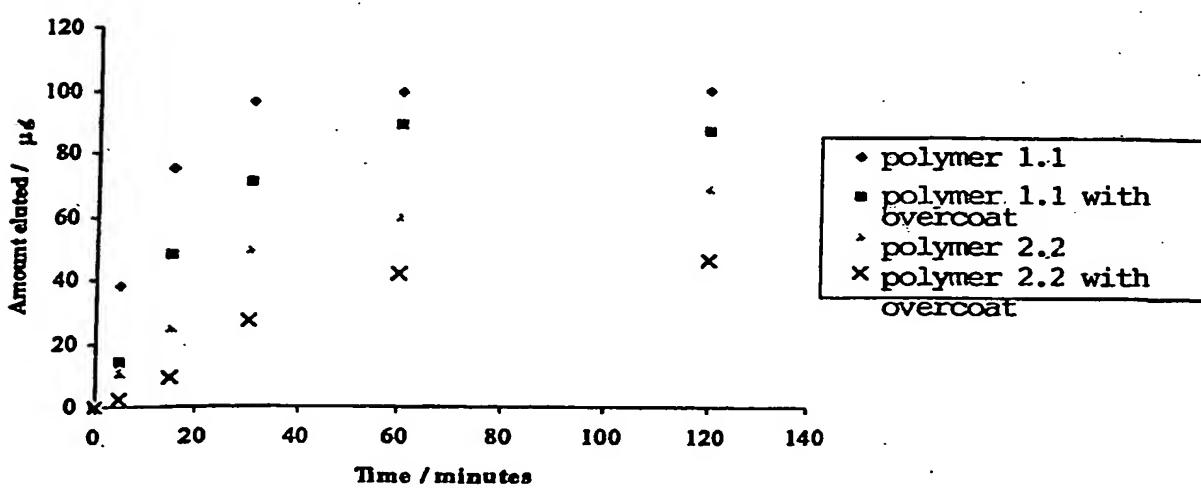


**Figure 13**
**Elution of 23p labeled 32 mers from polymer 2.2 coated Biodyvisio PC stent deployed in pig's LAD artery**
**Figure 14**

**Figure 15****In vivo follow-up of coated stents**

**Figure 17**

**Figure 18****Radioactive heparin release profile (2.2)****Figure 19**

**Figure 20**
**Comparison of the release rates of DNA-plasmid from various coating systems**
**Figure 21**
**The amount of DNA-plasmid eluted from various coatings**


**Figure 22****The Elution of DNA-plasmid from various coatings on steel coupons**